Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
Data File : VW030279.D
Acq On : 27 Sep 2024 14:49
Operator : SY/MD
Sample : VSTD2.503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 01:45:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 28 01:44:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5403

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/30/2024
Supervised By :Semsettin Yesilyurt 09/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	180509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178987	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	3733	2.646	ug/L	0.00
7) Chloroethane-d5	2.905	69	2422	2.360	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	2481m	2.410	ug/L	-0.01
21) 2-Butanone-d5	7.087	46	2890m	5.095	ug/L	0.01
24) Chloroform-d	7.648	84	12299	2.536	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	6398	2.528	ug/L	0.00
32) Benzene-d6	8.276	84	23255	2.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	7283	2.414	ug/L	0.00
41) Toluene-d8	10.319	98	20714	2.252	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	2744	2.186	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2066	4.147	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	5466	2.424	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	7079	2.472	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	4129m	2.093	ug/L	
3) Chloromethane	2.222	50	4023	2.603	ug/L	99
5) Vinyl chloride	2.375	62	4192	2.551	ug/L	94
6) Bromomethane	2.789	94	3077	2.814	ug/L	85
8) Chloroethane	2.936	64	2443m	2.690	ug/L	
9) Trichlorofluoromethane	3.265	101	4136	1.954	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	4773m	2.212	ug/L	
12) 1,1-Dichloroethene	4.045	96	5096	2.430	ug/L	84
13) Acetone	4.131	43	3489	5.721	ug/L	98
14) Carbon disulfide	4.387	76	16785	2.407	ug/L	99
15) Methyl Acetate	4.679	43	2669	2.719	ug/L	91
16) Methylene chloride	4.923	84	9969m	3.588	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	6124	2.516	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	10123	2.614	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	11957	2.579	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	6819	2.535	ug/L	95
22) 2-Butanone	7.179	43	4517m	5.772	ug/L	
23) Bromochloromethane	7.520	128	3352	2.855	ug/L	81
25) Chloroform	7.679	83	12683	2.638	ug/L	94
27) 1,2-Dichloroethane	8.398	62	8977	2.815	ug/L	99
29) Cyclohexane	7.953	56	7151	1.812	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	9666	2.331	ug/L	98
31) Carbon tetrachloride	8.069	117	8001	2.159	ug/L	98
33) Benzene	8.319	78	25976	2.383	ug/L	100
34) Trichloroethene	9.093	95	6877	2.372	ug/L	88
35) Methylcyclohexane	9.331	83	7994	1.796	ug/L	90
37) 1,2-Dichloropropane	9.368	63	7347	2.554	ug/L	100
38) Bromodichloromethane	9.642	83	8838	2.447	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	10474	2.375	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	7184	4.856	ug/L	98
42) Toluene	10.386	91	26892	2.304	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	8586	2.349	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 28 01:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	5290	2.610 ug/L	92
46) Tetrachloroethene	10.855	164	4830	2.227 ug/L	91
48) 2-Hexanone	10.971	43	4807	4.412 ug/L	98
49) Dibromochloromethane	11.129	129	5598	2.454 ug/L	95
50) 1,2-Dibromoethane	11.227	107	5095	2.656 ug/L	75
51) Chlorobenzene	11.654	112	18978	2.516 ug/L	95
52) Ethylbenzene	11.727	91	29829	2.256 ug/L	98
53) m,p-Xylene	11.831	106	10874	2.203 ug/L	92
54) o-Xylene	12.166	106	10695	2.277 ug/L	96
55) Styrene	12.178	104	18028	2.250 ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.714	83	6274	2.643 ug/L	88
59) Bromoform	12.343	173	3159	2.528 ug/L #	96
60) Isopropylbenzene	12.458	105	27507	2.247 ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	4603	2.807 ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	21136	2.134 ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	21883	2.236 ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	14463	2.643 ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	15027	2.688 ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	13028	2.671 ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	1039	2.765 ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	10188	2.698 ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	8183	2.617 ug/L	98
71) Naphthalene	15.360	128	13455	2.353 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	6926	2.531 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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